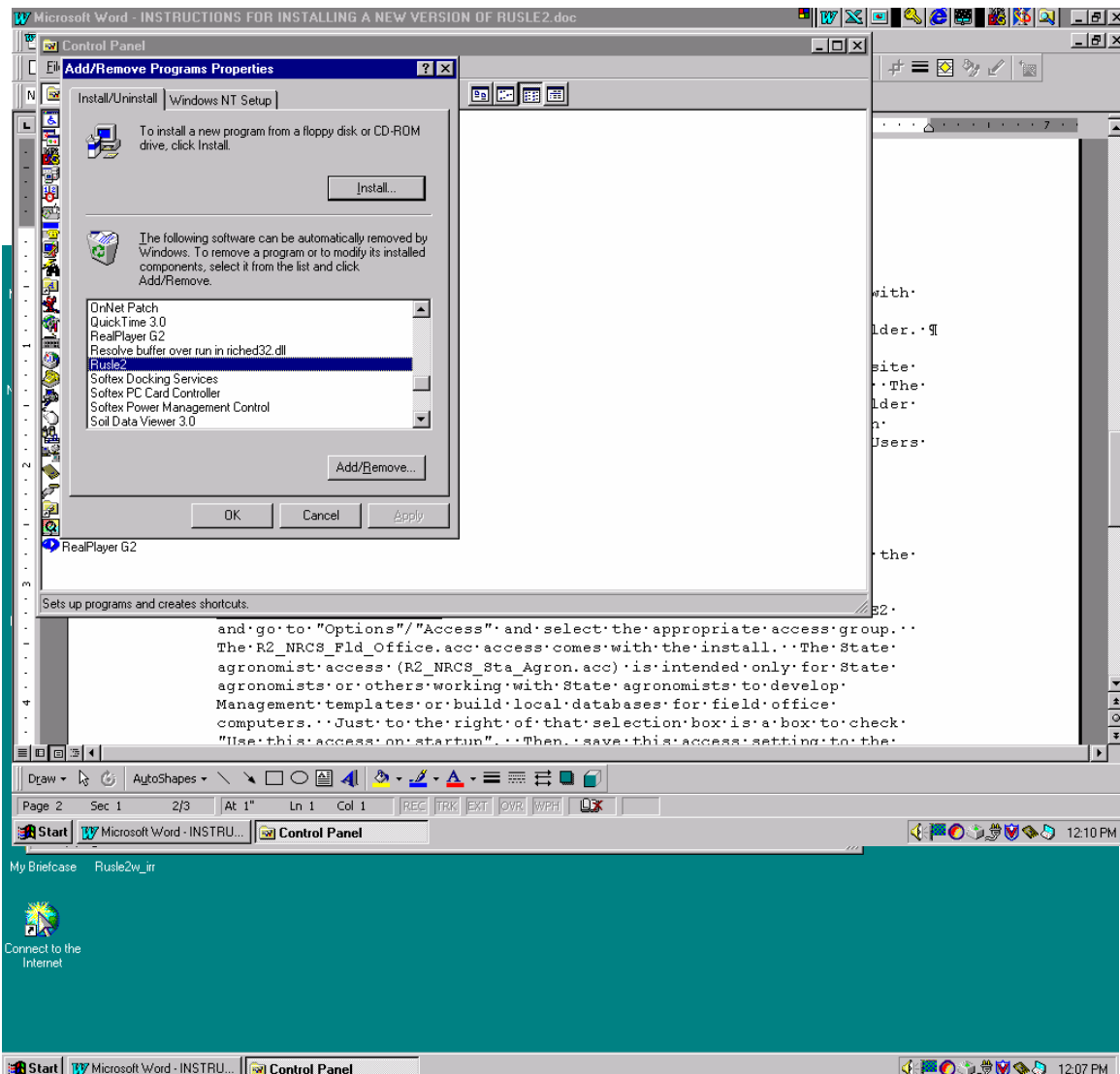


# INSTRUCTIONS FOR INSTALLING A NEW VERSION OF RUSLE2:

ARCHIVE EXISTING DATABASE: All previous versions should be un-installed prior to installing the new version. Prior to uninstalling the current version, rename and save your existing "**moses.gdb**" database file located in the c:\Program Files\usda\Rusle2 folder to another name (rename the file to "**Sept 03 moses.gdb**") and location for safe keeping. After installation of the new version is complete, you can import parts of your old database into the new database that is included with the new version of the model (detailed instructions in IMPORTING DATABASE COMPONENTS INTO NEW BASE DATABASE: ). **Protecting the old database in this manner will prevent overwriting it upon booting the new version.**

UNINSTALL CURRENT VERSION: Obtain IT assistance and using "Administrator access", uninstall any previous versions. Only files that came with the previous install will be removed. All previous import and export files will be retained. Delete these files from your computer.



## INSTALL NEW VERSION:

### Web Site

Go to the Rusle2 web site ([http://fargo.nserl.purdue.edu/~vining/RUSLE2\\_Data\\_Portal/](http://fargo.nserl.purdue.edu/~vining/RUSLE2_Data_Portal/)) and copy the new program, named **R2NRCS\_20040310(1).exe.renamed** to your computer. The new version is located in the **Rusle2 Program File\Download File** folder, and the file name is **“R2NRCS\_20040310(1).exe.renamed”**. Double click on this file with the left mouse button, and check the box that says “save file to disk”. Put the file in the c:\Program Files\usda\Rusle2 folder on your computer. (NOTE: both an “.exe” and an “.exe.renamed” installer are available on the website. Users with XP machines should use the “exe.renamed” file for the installation).

Do the same thing for the new CMZ files for CMZ 1, 2, or 4 – whichever zone you are using.

Exit out of the internet.

Go to your desktop and using Windows Explorer, go to c:\Program Files\usda\Rusle2. Rename the install file that you just copied here to **“R2NRCS\_20040212(1).exe”** by removing the “.renamed” extension.

Obtain IT assistance to install the program. Log in as administrator. Double-left-click the R2NRCS\_20040212(1).exe file to begin the install. The file will automatically take you through the installation steps and install the program on your computer. For details on the installation of RUSLE2 see the file **Screen print RUSLE2.doc**. This file will show you the screen prints of the installation process. (\*NOTE: When you get to the box during the install process that says “Select Additional Tasks”, do not check any of the boxes. Do **not** create a desktop icon while you are logged in as administrator. It will not show up on your desktop. You can do this after you have logged out as administrator and logged back in as yourself. Do not check any of these boxes on this screen. Just click Next and continue with the installation).

When the installation process is finished, log out as administrator and log back in as yourself. You can now create a desktop icon for the program. Go to c:\Program Files\usda\Rusle2\binaries. Right click on the “Rusle2.exe” icon. Go to “Create a Shortcut” and click on that choice. This will create a shortcut icon in this folder. Drag the shortcut icon out to your desktop.

## INSTALLING FROM A CD

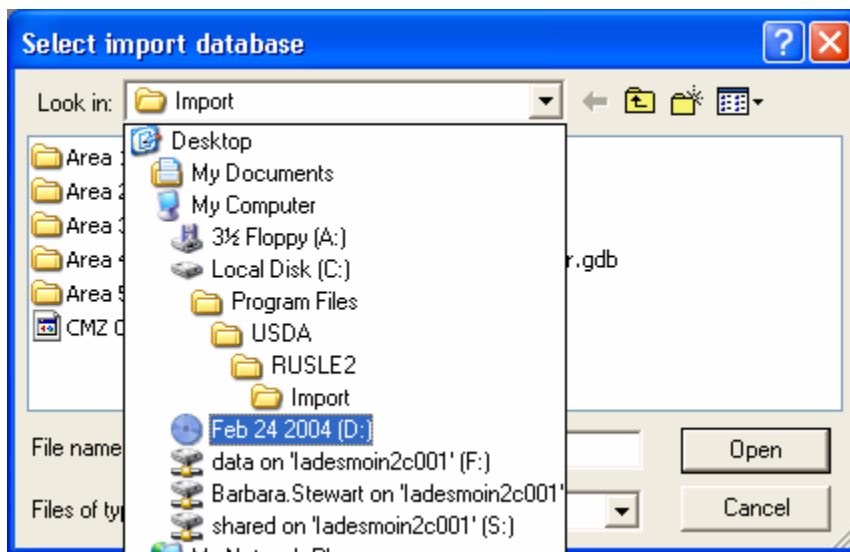
On the CD you will find the RUSLE2 installation program **R2NRCS\_20040310(1).exe**, new CMZ databases, and the file **Screen print RUSLE2.doc**. Log in as administrator. Double-left-click the **R2NRCS\_20040310(1).exe** file to begin the install. The file will automatically take you through the installation steps and install the program on your computer. For details on the installation of RUSLE2 see the file **Screen print RUSLE2.doc**. This file will show you the screen prints of the installation process. Follow the same process as above to create a desktop icon for the program.

**IMPORTING DATABASE COMPONENTS INTO NEW BASE DATABASE:** This new version of RUSLE2 contains a new updated base database (minus Soils, Climate, Managements, Profiles, Worksheets and Plans). Since last spring, there are many new and revised Vegetation

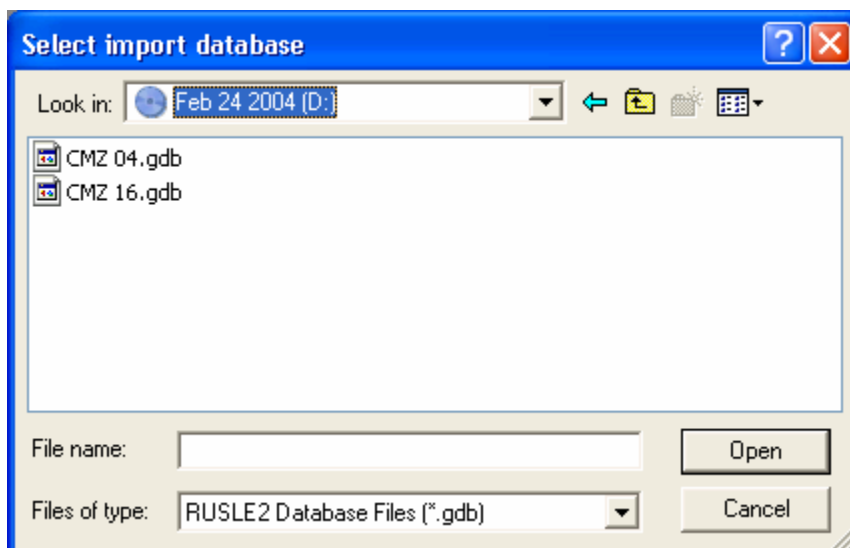
and Operations records, as well as revised Strip Cropping, Contouring and other Support Practice choices that have been added or edited.

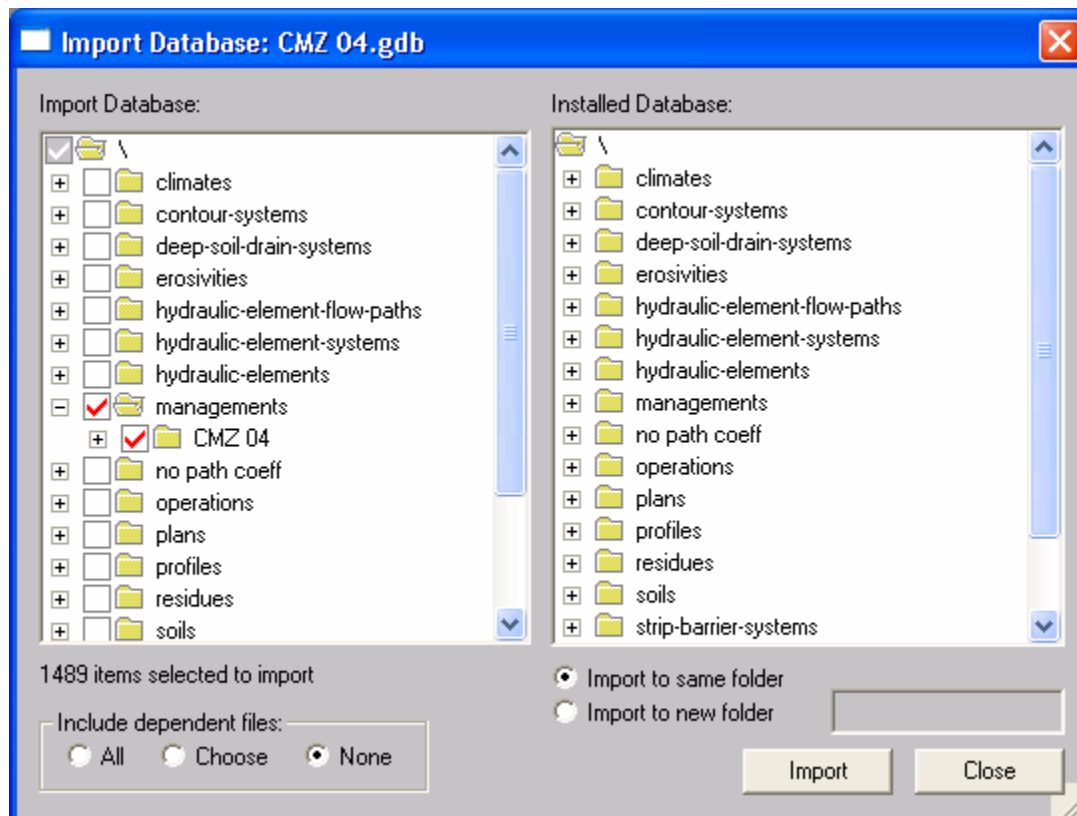
You will need to use this new base database to import the Soils, Climate, Managements, Profiles, Worksheets and Plans from into this new database.

First import the new CMZ 1, CMZ 2 or CMZ4 files that you copied from the web site or that are on the CD into your newly installed RUSLE2 program. To do this, open the RUSLE2 program. From the toolbar on the top of the screen, click on **“Database”**. Then select **“import RUSLE2 database”**. You will get the screen shown below. It will automatically show **“import”** in the window. Using the “down arrow” in the right hand corner of the box next to “import”, maneuver to the folder or CD where the CMZ files you want to import are located.



Now select the CMZ file that you need and click open.





Now on this screen (above) you need to select which data to import, so select **management** and click on CMZ 04 to import the file. **IMPORTANT:** Be sure to check "NONE" on dependent records during this import process. Leave the **Import to same folder** box clicked. Click Import button.

USE MOST RECENT MANAGEMENTS: Management templates for all CMZ's were recently revised using new vegetations. These revised Managements are posted on the RUSLE2 website by CMZ, with the date of posting shown to the left of the posted CMZ file. This is why you copied these files.

#### IMPORTING FROM SEPT 03 MOSES.GDB FILE

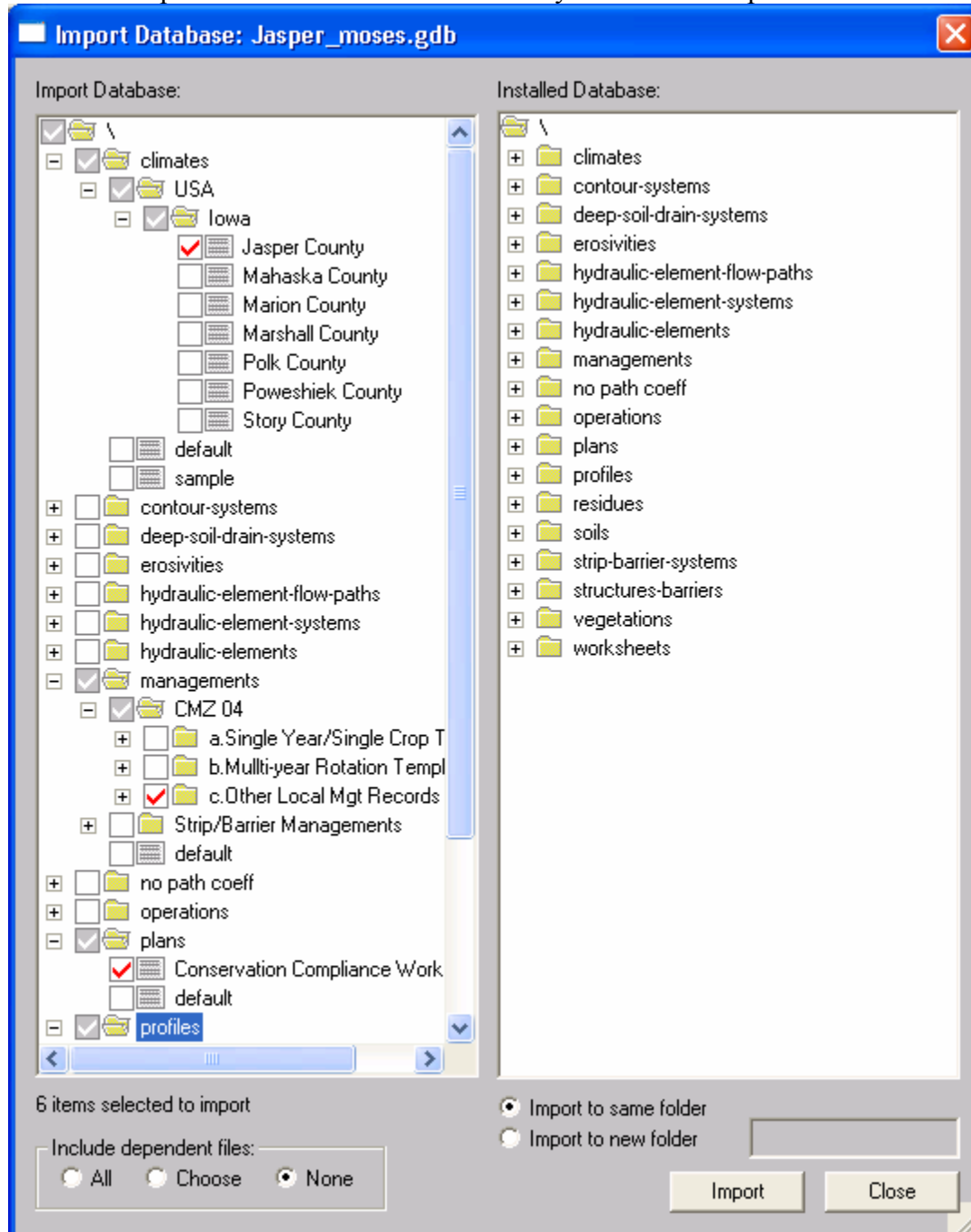
After you have imported the new CMZ file(s) into the management folder you can then import just the Soils, Climates, the "c.) Other Local Management Records", and any Profiles, Worksheets and Plans from your archived Sept 03 moses.gdb database. **DO NOT** import the a) or b) folder from the old CMZ management folders, as this is the information that has been updated and replaced.

This can all be done in one import session by accessing your archived database file. At this point you should still be in the Rusle2 program. To do this click **Database/Import RUSLE2 database** on the toolbar, and maneuver to the location where your archived Sept 03 moses.gdb folder is located. (This is the same process you just used to import your managements). Click on the **Sept 03 moses.gdb** folder. You must now select only the appropriate files that you want to import into the new version of RUSLE2. Follow these steps below.

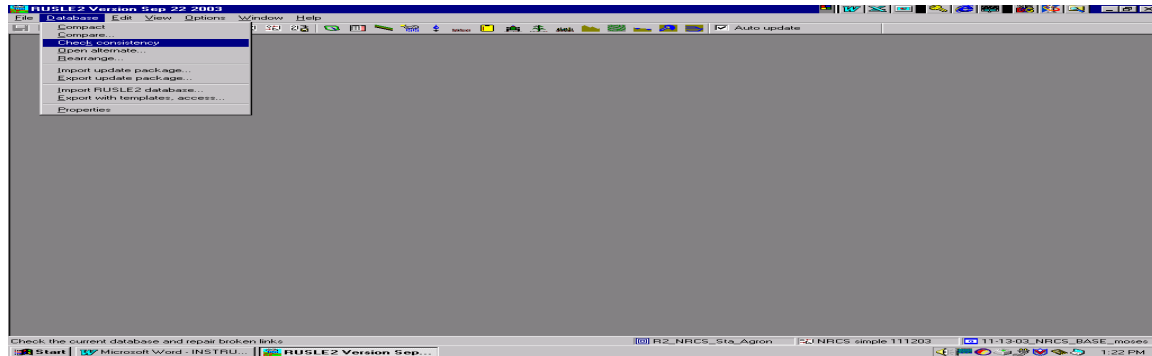
1. Climate/USA/Minnesota/select the counties that you need.
2. Management CMZ 1, 2, or 4: select only the files in the **c.) Other local management records** that you want to transfer.

3. Soils: select only the counties that you need. You do not need to select “generic or default”.
4. Plan: Select the plans (if any) that you want to import.
5. Profile: Select the profiles that you want to import.
6. Worksheet: Select the worksheets that you want to import.
7. IMPORTANT: Be sure to check "**NONE**" on dependent records during this import process, or obsolete Vegetations and Operations records will be imported, thus contaminating the new database with obsolete data.

Leave the Import to same folder clicked. Now you can click Import button.



**DATABASE CONSISTENCY CHECK:** Last, go to "**Database/"Check consistency"**" on the toolbar (see picture below) and force RUSLE2 to do a thorough consistency check of the database. Attach any orphan records to the appropriate object. Call Robin Martinek at 651-602-7866 with any database-related questions or problems.



### **IMPORTANT SHORTCUT NOTICE!**

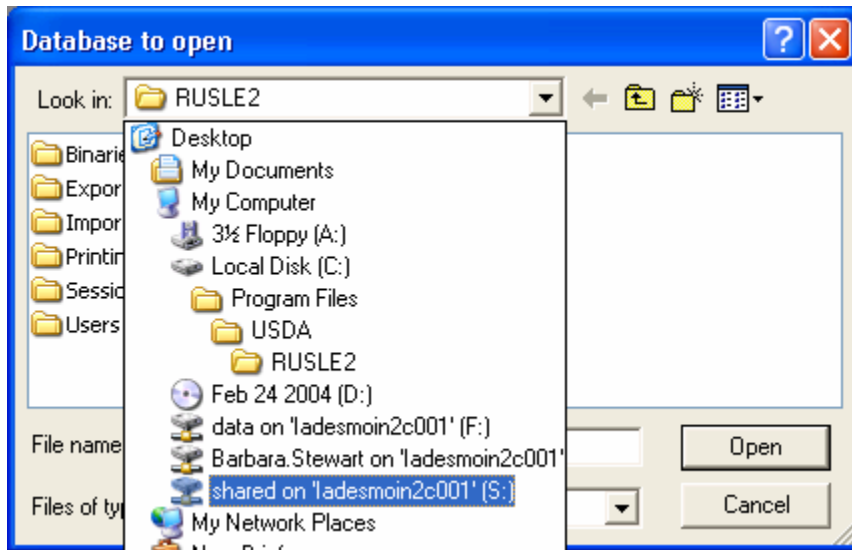
After you have installed the RUSLE2 program and recreated the mosses.gdb file be sure you delete any RUSLE2 shortcuts to your desktop and recreate them as well.

### **INSTALLATION OF RUSLE2 AT FIELD OFFICE FOR SHARED MOSES FILE!**

**This is a new option with this version of the program.**

The RUSLE2 program must be installed on all PC intending to use the RUSLE2 for calculating soil loss. First import the appropriate database on one computer. (See IMPORTING DATABASE COMPONENTS INTO NEW BASE DATABASE, above). Once all of the databases are imported, the mosses.gdb file (located in the C:\Program Files\usda\Rusle2 folder) can be renamed to "Mar\_04\_moses.gdb". After renaming the file, create a folder on the server called RUSLE2. Copy the new Mar\_04\_moses.gdb to the RUSLE2 folder that you just created on the Server.

When the users on any computer in the field office open up their RUSLE2 program for the first time after it is installed, they need to go to **Database/Open Alternative** (on the toolbar) and locate the "Mar\_04\_moses.gdb" file located on the server.



Once they have selected that file, click the “Open” button. Next, they need to go back to **Database/ Startup database** on the tool bar and select it.

Do this on each computer in the field office where Rusle2 has been installed.

Now every time the RUSLE2 program is started on a computer, it will go to this shared **Mar\_04\_moses.gdb** file that resides on the server. Several PCs can access the **Mar\_04\_moses.gdb** file at the same time and be working on RUSLE2 outputs. When they want to save a management file, plan, profile or worksheet it will be saved back to the shared moses.gdb file. (It is suggested that when an individual saves a file, they place their initial at the end of the file name so others in the FO know who modified that file last.)